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May 1964

PHOTOGRAPHIC INTERPRETATION REPORT

# LAUNCH COMPLEX D TYURATAM MISSILE TEST CENTER, USSR CHANGES AND ADDITIONS

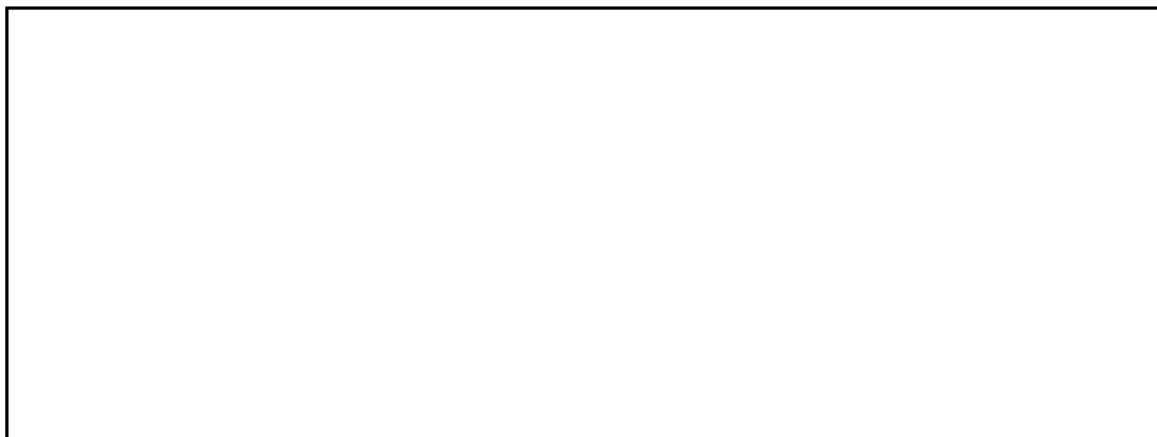


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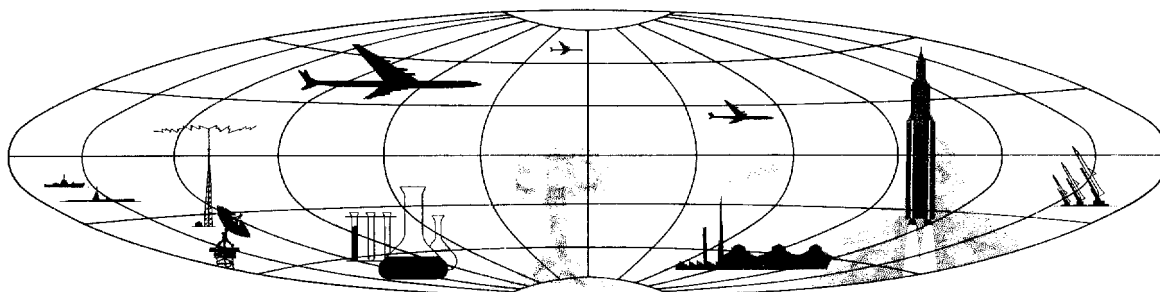
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25X1D



25X1

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



Declass Review by NGA/DOD

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LAUNCH COMPLEX D, TYURATAM MISSILE TEST CENTER, USSR  
25X1D CHANGES AND ADDITIONS

INTRODUCTION

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This report presents information on changes and additions made at Launch Complex D, at the Tyuratam Missile Test Center (TTMTC) between photographic coverages of [redacted]

in previous reports. 1/ 2/ The TTMTC is shown in Figure 1.

The complex (Figure 2) was covered by [redacted] missions in this interim. On photography [redacted] the complex was partially cloud covered, and photographic

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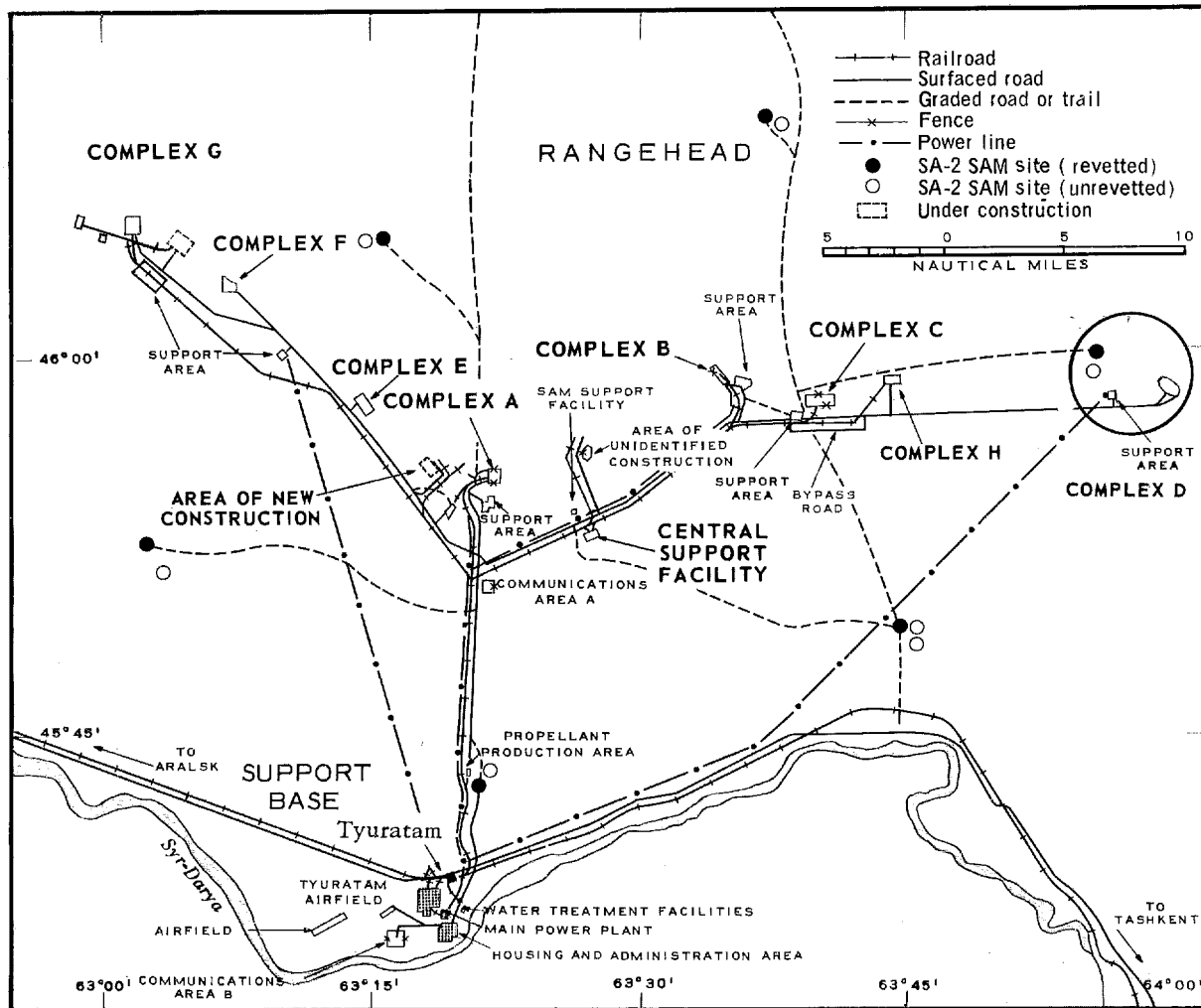


FIGURE 1. TYURATAM MISSILE TEST CENTER.

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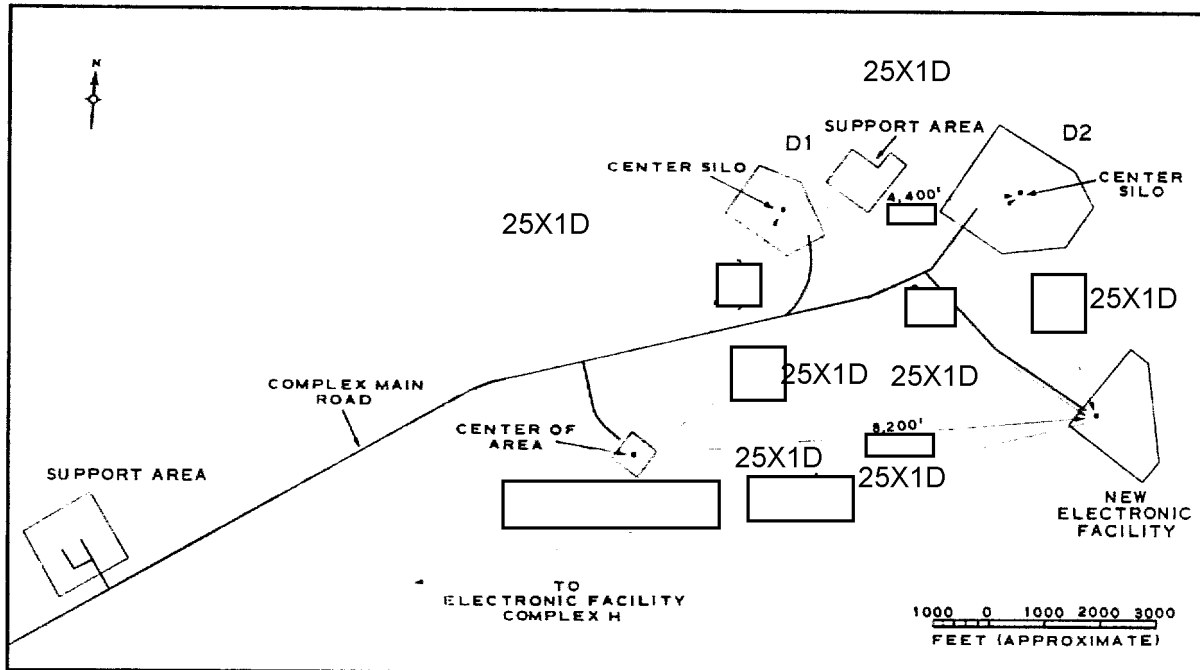


FIGURE 2. LAUNCH COMPLEX D.

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quality in the unclouded portions only permitted identification of Site D2. [redacted] the coverage was monoscopic with poor definition, and no additional details were ascertained. The coverage of [redacted] was of fair quality but, again, no new data were apparent. The most recent coverage, in [redacted] was of good quality and showed significant additions at the complex (Figure 3). A line drawing of the complex has been prepared depicting all but the [redacted] coverage, which was unusable (Figure 4). Also included in the report are a line drawing of the support area west of the launch sites

(Figure 5) and a comparative drawing of the L-shaped electronic facilities associated, respectively, with D2 and Launch Complex H at the TTMTTC (Figure 6).

A review of all [redacted] photography of Launch Complex D at the TTMTTC for the purpose of determining whether or not there are structural differences in Sites D1 and D2 has had negative results. [redacted] only gross features of the elements of each of the sites could be distinguished, and D1 was backfilled at that time. No details or mensuration data can be given for the underground elements of Site D1.

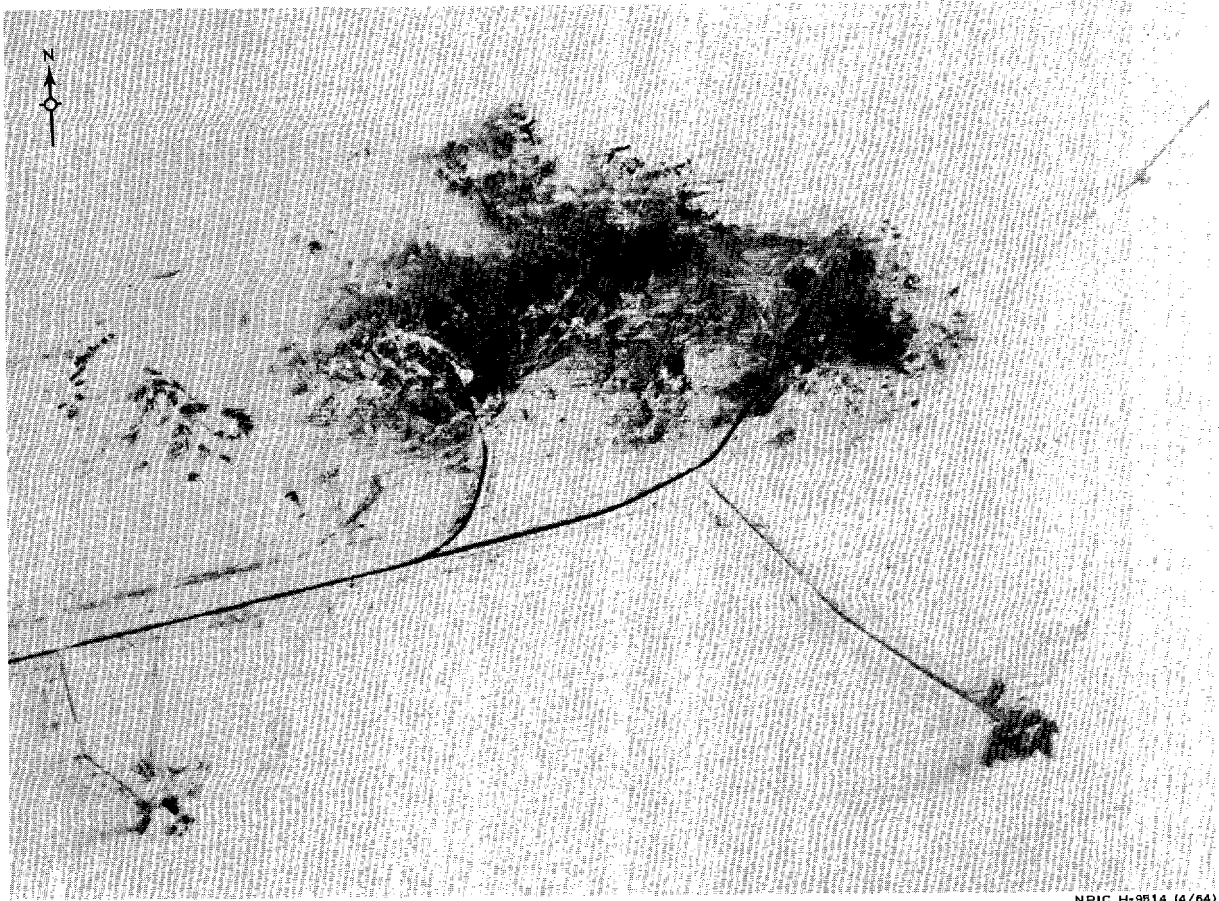
#### LAUNCH SITE D1

Launch Site D1 (Figures 3 and 4) has remained virtually unchanged since [redacted]. On the [redacted] coverage an unidentified object was observed adjacent to the right and

center silo covers. An earth-mounded structure has been detected on the downrange side of the loop road near the northwest end. A review of earlier photography shows that this

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FIGURE 3. LAUNCH SITES D1 AND D2, [REDACTED] 25X1D

25X1D feature was present in [REDACTED]  
[REDACTED] Ground traces, which are probably utilities, parallel the complex main road to the

vicinity of the launch site, but specific identifications cannot be made. Security fencing was identified on the [REDACTED] photography.

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### 25X1D LAUNCH SITE D2

25X1D On the coverages of [REDACTED]  
[REDACTED] no new significant details at Launch Site D2 were observed (Figures 3 and 4). Buildings were constructed in the western part of the launch site near the end of the complex main road; in [REDACTED] there were six and in [REDACTED] there were seven.

25X1D The excavation containing the silos was open in [REDACTED], although the control bunker appeared to be partly backfilled. Neither the

equipment bunkers nor details of the silos were discernible.

On the [REDACTED] coverage the site is backfilled, but appears uneven and of rough texture, suggesting that final grading has not been accomplished. Security fencing can be identified on the east side of the site, but as yet no loop road or service road to the silos has been constructed. The three silos can be identified but no details are discernible. Silo

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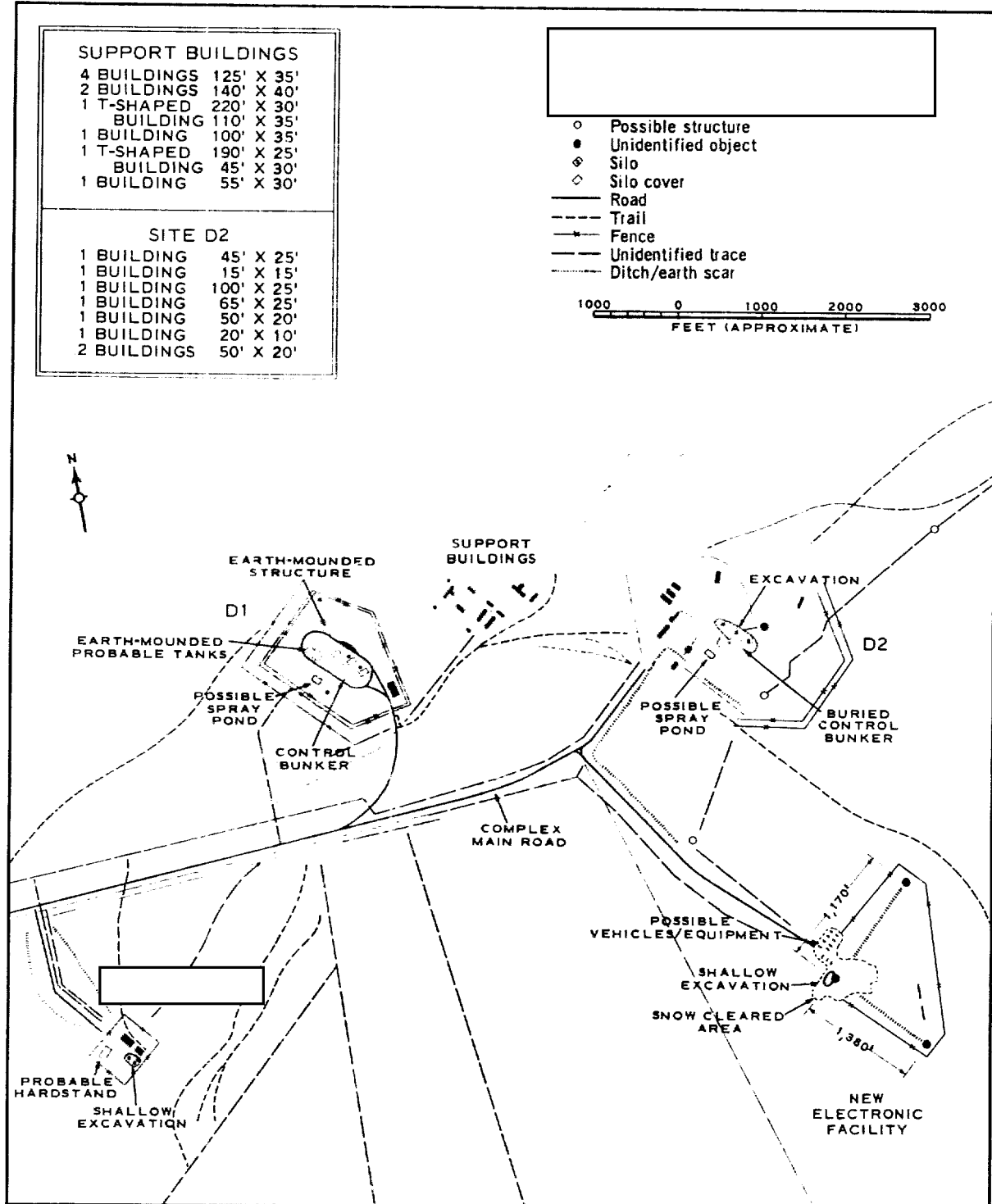
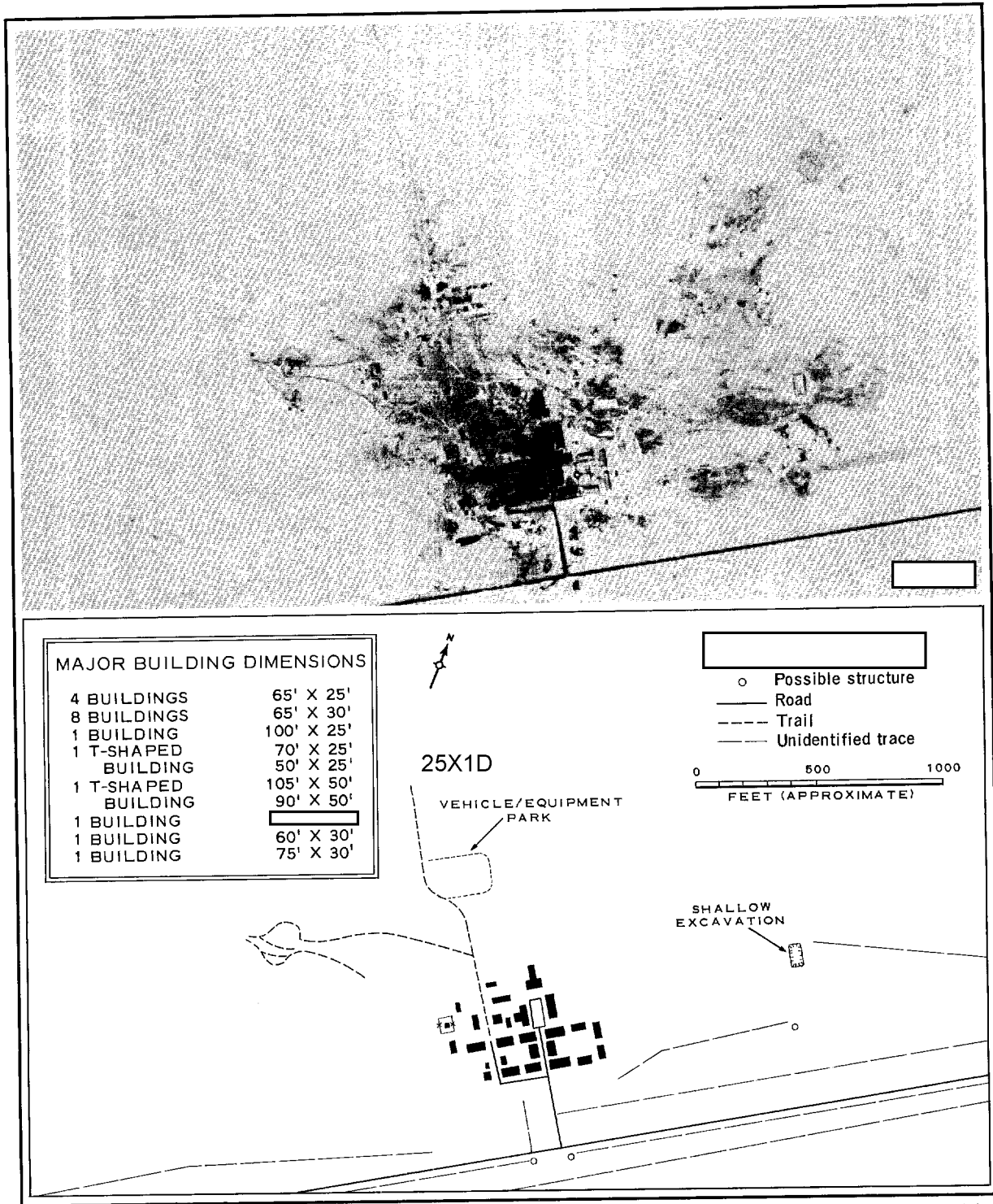


FIGURE 4. LAYOUT OF LAUNCH SITES D1 AND D2.

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FIGURE 5. SUPPORT AREA WEST OF LAUNCH SITE D1.

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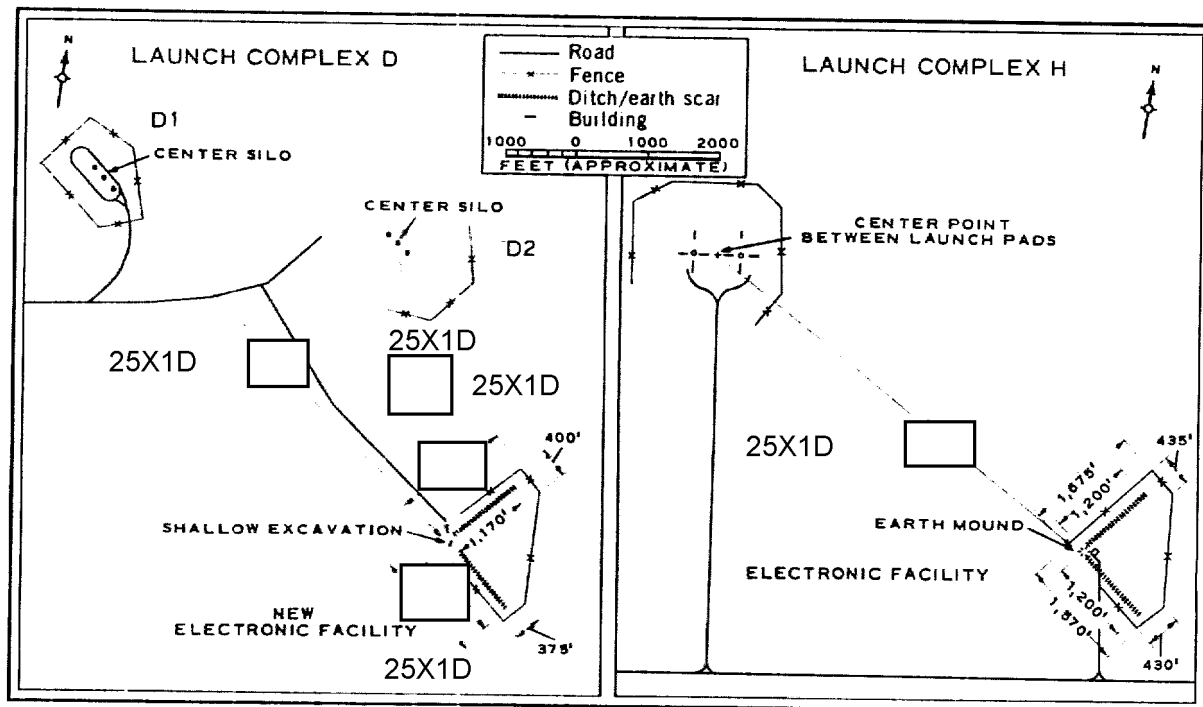


FIGURE 6. COMPARISON OF ELECTRONIC FACILITIES AT LAUNCH COMPLEXES D AND H.

covers are not in place. The control bunker is covered over with earth, and its location is vague. It appears to be lower or deeper than its counterpart at D1, where the top of the control bunker is slightly higher than site ground level. An unidentified object, located 225 feet forward of the right silo, is connected by an unidentified trace with the center silo. An unidentified trace in the snow extends from a possible structure on the southeast side of the site northeastward to two possible structures located approximately 3,000 and 9,500 feet away. The possible spray pond cannot be identified.

Ditching extends from the vicinity of the control bunker to a point near one of the buildings at the west end of the site. A branch from this ditch appears to go under a small building and then continues to the complex main road where it turns southwest and parallels

the road until it reaches a new access road leading to a new electronic facility. The ditch parallels the new road for approximately half of its length. Unidentified traces in the snow appear to connect the electronic facility to D2. There are no apparent connections to D1, although unidentified traces along the main access road, which are probably utilities, appear to serve all major segments of Launch Complex D.

The electronic facility is located 4,100 feet south of D2 and consists of a triangular-shaped secured area containing two earth scars or ditches, 1,170 and 1,380 feet in length. They form a right angle, and an unidentified object and a shallow excavation are located at the intersection of the legs. An unidentified object is also located at the extremity of each leg. A group of unidentified objects near the entrance to the secured area may be vehi-

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cles/equipment.

There is an unidentified new facility 8,200 feet west of the electronic facility and south of the complex main road. An access road to this facility terminates at a secured area which

contains two buildings, a probable hardstand, and a shallow excavation with three unidentified objects in it. A perpendicular to the long axes of the buildings is parallel to the down-range leg of the electronic device.

#### SUPPORT AREAS

There are two support areas (Figures 4 and 5) in the vicinity of Launch Complex D. One is located approximately halfway between the two launch sites and the other is 2.3 nautical miles (nm) west of D1 on the north side of the complex main road. Each of these sup-

port areas was enlarged between [REDACTED] [REDACTED] Four buildings were constructed in the area between the sites, and three buildings and a small secured area with a structure in it have been constructed at the support area west of D1.

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#### REFERENCES

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#### DOCUMENTS

1. NPIC. R-117/63, *Type III Soviet ICBM Launch Sites*, Jul 63 (TOP SECRET [REDACTED])
2. NPIC. R-172/63, *Launch Complexes D, E, and F, Tyura Tam Missile Test Center, USSR*, Aug 63 (TOP SECRET [REDACTED])

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#### REQUIREMENT

CIA. C-RR4-81,152

#### NPIC PROJECT

N-292/64



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